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File: USPT

Nov 16, 1999

DOCUMENT-IDENTIFIER: US 5985828 A

TITLE: Mammalian receptors for interleukin-10 (IL-10)

DEPR:

This invention contemplates use of isolated nucleic acids, e.g., DNA, or fragments which encode these receptor components for IL-10-like peptides, e.g., each respective species variant of these receptors, or any fragment thereof, to encode a biologically active counterpart receptor polypeptide. In addition, this invention covers isolated or recombinant DNA which encodes a biologically active protein or polypeptide having receptor activity and which is capable of hybridizing under appropriate conditions with the DNA sequences as in SEQ ID NO: 1 or 3. Said biologically active protein or polypeptide can be a receptor itself, or fragment, and comprise an amino acid sequence as in SEQ ID NO: 2 or 4 or Table 2. Further, this invention covers the use of isolated or recombinant DNA, or fragments thereof, which encode proteins which are homologous to each respective species variant or receptor or which was isolated using cDNA encoding a receptor for IL-10 as a probe. The isolated DNA can have the respective regulatory sequences in the 5' and 3' flanks, e.g., promoters, enhancers, poly-A addition signals, and others.

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